

Presenter Biographies

Judith Lee, Environmental Planning Strategies, Inc.

Ms. Judith Lee has extensive experience in facilitating agency disciplinary experts through their own environmental planning and decisionmaking with quality document preparation, as well as presenting professional workshops on effective planning procedures consistent with NEPA, including cumulative impact analyses. She has developed an effective and copyrighted training manual and workshops exclusively dedicated to conducting cumulative impact analyses, using proven methodologies that have been effectively applied to many different types of resources and projects.

Ms. Judith Lee has been successfully and effectively conducting NEPA analysis, documentation, and training since 1988, and as President of **Environmental Planning Strategies, Inc.**, since 1994.

Ms. Lee is highly experienced with preparing and reviewing NEPA documents for quality and adequacy of analysis and acceptability of impacts. She is frequently requested to facilitate the analysis and prepare NEPA documents for controversial, complex, and programmatic activities, especially when cumulative impacts are a concern. She is also requested to review draft NEPA and planning documents for the quality of impact analyses, especially cumulative impacts. She has a strong natural resources background and extensive experience in many sectors, including National Forest Management Act, transportation, recreation, defense, endangered species, historic resources, and fisheries and wildlife management, and is very familiar with natural resources issues, management, and politics across the country, including the Midwest and EPA Region 5, the headquarters for **Environmental Planning Strategies, Inc.**

Ms. Lee also has direct experience with the organizational missions, cultures, and planning functions of most Federal agencies, and is a former Federal employee herself. This experience provides unique ability to effectively communicate the roles and responsibilities of federal and state agencies in conducting quality planning consistent with NEPA, including determining the scope and appropriate methodologies for cumulative impact analyses for a variety of projects and programs.

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Dr. James Westervelt, US Army Corps of Engineers Engineer Research and Development Center (ERDC)

Dr. Westervelt has extensive experience in regional, environmental, and community planning, using geographical information systems (GIS) for the basis of planning and impact analyses. He is highly experienced in the application of GIS to various planning efforts, and led the software design and development of the GIS system Geographic Resources Analysis Support System (GRASS). He also worked with a consortium of departments at the University of Illinois using the interdisciplinary approach to create an interdepartmental geographical information systems laboratory for modeling, including research, computer and network management and design, and teaching graduate-level courses. As an employee of **ERDC**, he has managed numerous landscape simulation modeling efforts that have involved and integrated hydrology, ecology, urban development, and social impacts. This has involved managing the interdisciplinary design and development of geographical analysis software (GRASS) for US Army Corps of Engineers researchers and military installation planners. Modeling efforts have included the behavior of sage grouse at Yakima Firing Center and desert tortoise at Fort Irwin, and endangered avian species and cowbird trapping strategies at Fort Hood. He is currently involved with ecological analyses of the impact of management practices on endangered species in the Southeast and in the design and development of the military Land Use Evolution Impact Assessment Model (mLEAM), which will contribute substantially to the Army's ability to model dynamically changing installation carrying capacities and aid in management decisions for threatened and endangered species. All of these simulation modeling efforts have explicitly recognized and captured feedback loops among social, ecological, economic, climate, and hydrological systems essential for identifying and understanding indirect and cumulative impacts.

Dr. Westervelt holds an MS degree in Secondary Science Education and regularly teaches workshops on the applications of GIS systems to planning and ecological modeling.

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Dr. Heidi West, Total Quality NEPA

Dr. West, President of **Total Quality NEPA**, has over 20 years of experience in environmental planning, engineering, and communication, including environmental planning and impact analysis. She uses her own diverse technical experience, as well as that of her staff, to facilitate and prepare environmental impact analyses, including cumulative impact analyses for natural

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resources, cultural, socioeconomic, and recreational impacts for NEPA documents. For nearly 10 years, **Total Quality NEPA** has worked almost extensively on NEPA documents for the National Park Service, including project management involving the analysis, team training and coordination, multi-agency facilitation, public involvement, and writing and editing the resultant documents.

Dr. West has been conducting highly facilitated and quality training for many agencies since 1988.

Dr. West was hired to develop and write the NPS NEPA regulations including cumulative impacts analysis, which is required by NPS for every affected resource in every alternative. Because she has both highly technical and communications skills, she is also a skilled facilitator and team coordinator, and has led interdisciplinary teams of near 200 agency, tribal and contractors to produce high quality analyses documented in readable and usable EISs.

Total Quality NEPA has prepared over a dozen environmental impact statements, and is currently preparing an environmental assessment for a cultural landscape report for Badlands National Park in South Dakota. **TQN** also prepared a general management plan and accompanying EIS for Voyageurs National Park in Minnesota.

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Daniel R. Mandelker, Stamper Professor of Law at Washington University in Saint Louis

Daniel R. Mandelker is the Stamper Professor of Law at **Washington University in Saint Louis**, where he teaches environmental litigation, land use, and state and local government law. He is the author of books and articles on environmental law, including a coauthored law school book *Environmental Protection: Law and Policy*. Professor Mandelker is also the author of a chapter entitled "Project Environmental Analysis" that was published in 2003 by the Transportation Research Board in its *Selected Studies in Highway Law*. He is also the author of the widely-used treatise, *NEPA Law and Litigation*, Thomson/West Publishers, which is a full textual treatment of the case law that has been decided under NEPA. He recently completed chapters on NEPA and Section 4(f) of the Department of Transportation Act for a report on federal environmental legislation published by the Transportation Research Board. He consults

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nationally with federal agencies on the preparation of environmental impact statements, on land use and environmental issues and litigation, and for NEPA litigation in the federal courts. He has served on the board of the American Planning Association and currently serves on national advisory committees on land use and environmental programs. He has lectured at courses of study on environmental law sponsored by the American Law Institute, the National Association of Environmental Professionals (NAEP), and the Duke University Environmental Leadership Program. He was Chair of the Legal Issues Committee of the NAEP's NEPA Working Group.

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